

F I G. 1

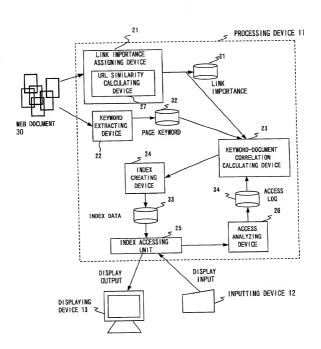


FIG. 2

LINK IMPORTANCE	1023	2055							
REFERENCED DOCUMENT		,,,							
TITLE	FUJITSU HOME	OFFICIAL RESIDENCE OF PRIME		`\				 1	E 42
URL	http://www.fujitsu.co.jp/	http://www.kantei.go.jp/	DOCUMENT INFORMATION TABLE 41	DOCUMENT URL ID SIMILARITY	30000	00138 2	i		REFERENCED DOCUMENT TABLE 42
DOCUMENT	10000	00002	 DOCUMENT						

F I G. 3

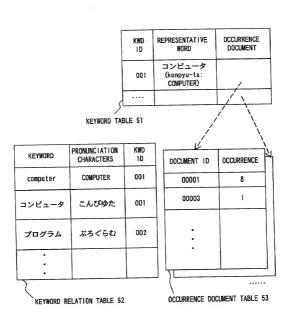


FIG. 4

FOLLOWING CHARACTER STRINGS	KEYWORD STRINGS			
あ (a), い (i),				
あいぼ(aibo), あお(ao),				
	相棒 (aibou:MATE), アイボリー(aiborī : IVORY).			
あおぞ(aozora)	青(ao: BLUE), 蒼(ao: DARK BLUE),			
	STRINGS あ (a), い (i), あいぼ(aibo), あお(ao),			

INDEX INFORMATION TABLE 61

KEYWORD ID	CORRELATED DOCUMENT ID STRINGS		DOCUMENT ID	
093 321	0005, 0008, 0004, 0008,		0005 0008 - -	
CORRELA	TED DOCUMENT TABLE 62	1	CORREL	.A

CORRELATED KEYWORD ID

FIG. 5

## 

ACCESS LOG 71

FIG. 6

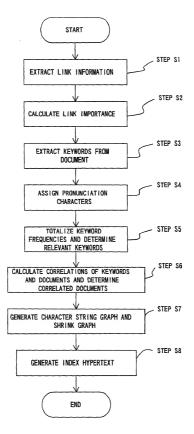
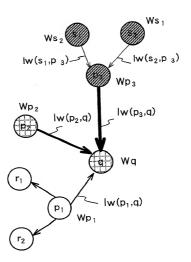


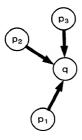
FIG. 7



CIRCLE(○): WEB PAGE
THICKNESS OF ARROW(→): LINK WEIGHT
PATTERN OF CIRCLE(○): URL SIMILARITY

FIG. 8

## $sim(p_i, q)=1$

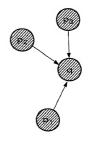


$$lw(p_i, q) = \frac{1}{sim(p_i, q)} = 1$$

$$W_q = C_q + W_{p1} + W_{p2} + W_{p3}$$

FIG. 9A

## $sim(p_i, q)=n+1$



$$l_{W}(p_{i}, q) = \frac{1}{sim(p_{i}, q)} = \frac{1}{n+1}$$

$$w_q = c_q + \frac{w_{p1} + w_{p2} + w_{p3}}{n+1}$$

FIG. 9B

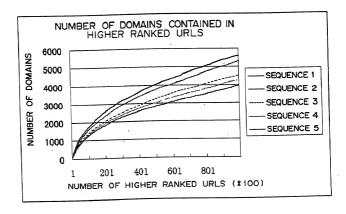
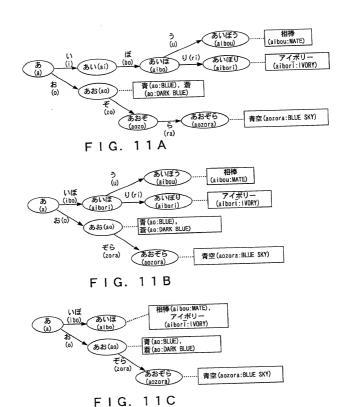


FIG. 10



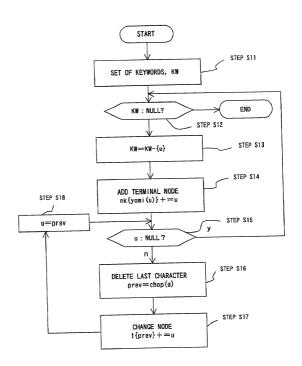


FIG. 12

```
@KW:set of keywords; # SET OF KEYWORDS yomi : YOMI/Spell of keywords; # FINCTION OR ARRAY THAT RETURNS PRONUNCIATION CHARACTERS OF KEYWORD yomi : YOMI/Spell of keywords; # FINCTION OR ARRAY THAT RETURNS PRONUNCIATION CHARACTERS OF KEYWORD u nckyomi(u)} = u.*+; # DESIGNATE INK) OF PRONUNCIATION CHARACTERS OF KEYWORD u nckyomi(u)} = u.*+; # DESIGNATE INK) OF PRONUNCIATION CHARACTER STRING OF KEYWORD u for ( i=0; i<0] incal prev = choo(u); # DELETE LAST CHARACTER OF KEYWORD u AND ADD TO PARENT NODE incal prev = choo(u);
                                                                     # SET OF KEYWORDS
                                                                                                                                                                                                                                                                                                                                        local prev = chop(u);
t{prev} = u."+";
proc init_kw_graph ()
                                                                                                                                                                                                                                                                                                                                                                                                                                                     u = prev;
```

. . . .

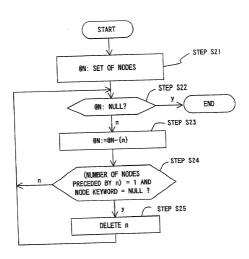


FIG. 14

```
proc shrink_middle ()
{
    @N : set of nodes
foreach n (@N) {
    next=t{n};  #NEXT NODE LIST
    kw = nk{n};  # KEYWORD LIST
    if (length(next) == 1 && kw == "") {
        delete(n)  # DELETE NODE n
    }
}
```

FIG. 15

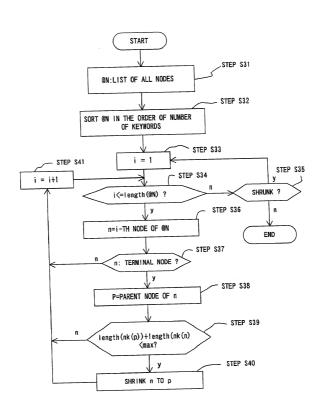


FIG. 16

```
word_max=2; # word_max: IN THIS EXAMPLE, 2
changed = true; # WHEN KEYWORD IS TRANSFERRED, true
@N = sort by_nk_length @N; # SORTING IN ASCENDING ORDER OF NIMBER OF KEYWORDS
while (changed) { # CONTINUING WHILE TRANSFER IS PERFORMED
                                                                                                                                                                                                                                   p=parent_node(n);  # PARENT NODE
if (length(nk{p}) + length(nk{n}) < word_max) {
                                                                                                                                                                                                             # IN THE CASE OF TERMINAL NODE
                                                                                                                                                                                                                                                                                # TRANSFERRING KEYWORD

DELETE TERMINAL NODE

# PROOF OF TRANSFER
                                            # NODE LIST
                                                                                                                                                                                                                                                                                       nk{p}.=nk{n}."+";
delete (n); #
                                                                                                                                                                                                                                                                                                                                           changed = true;
                                                                                                                                                                                           foreach n in @N if (is_leaf(n)) {
                                              @N: set of nodes;
                                                                                                                                                                     changed = false;
proc shrink_leaf ()
```

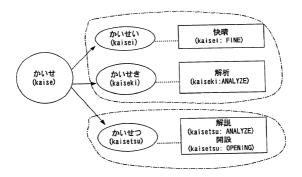


FIG. 18

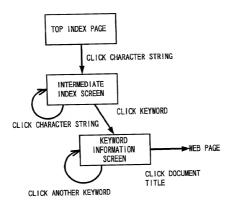
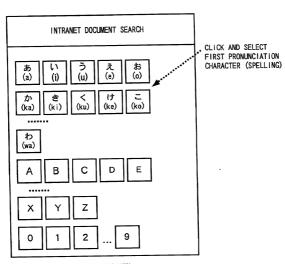


FIG. 19



TOP INDEX SCREEN

FIG. 20

_	<b>■</b>		<b>&gt;</b>
		(MOTE)" - LONG SOUND SHOULD BE REMOVED. SELECT" つくいい AND " やくない" FOR" つ (tu)" AND "やくなa).	CLEAR
	INTELLECTUAL 50-KANA CHARACTER INDEX OF INTRA-COMPANY PAGES	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	SEARCH FOR A KEYWORD INCLUDING

F1G. 21

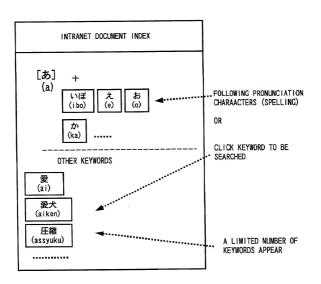


FIG. 22

1	<b>•</b>
(NOTE) "." LONG SOUND SHOULD BE REMOYED. SELECT "O. (11)" AND " & (Y3)" "POR " > (Tu)" AND " & (y3).	· 色刺激(iroshigeki) · 田舎( <u>inaka)</u>
(i) $\underline{\chi}(e) \underline{Z}(r0)$ $\underline{\chi}(v)$	: YWORDS
(i)   (i)   (i)   (i)   (ii)   (ii)   (iii)   (iii)   (iiii)   (iii)   (iii)   (iii)   (iii)   (iii)   (iii)   (iii)   (iiii)   (iii)   (iiii)   (iiii)   (iiii)   (iiii)   (iiii)   (iiiiiiiiii	

F1G. 23

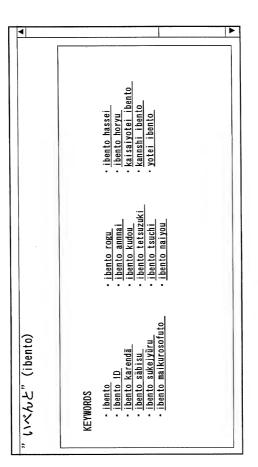


FIG. 24

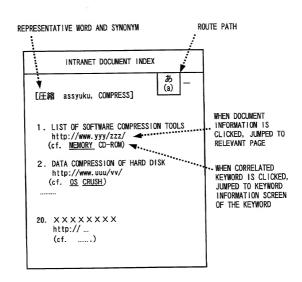


FIG. 25

## トップ (toppu)-<u>イ(i)-イベント</u> (ibento) 「 人 く ソ ト セ フ ソ ダ ー 」

(IBENTO KARENDĀ : EVENT CALENDAR)

MAJOR PAGES ABOUT "イベントカレンダー"

2000 NEN KARENDA : CALENDAR OF YEAR 2000 (KEYWORDS:<u>ソフトカア</u>(sofutouea:SOFTWARE)<u>,展示会</u>(tenjikai:EXHIBITION)) http://www.paso.co.jp/event/2000.html (03/17/1999)

7 GATSU NO MOYOUSHI : EVENT ON JULY (KEYWORDS:查表色(ongakukai : CONCERT), <u>コンサー</u> (konsāto : CONCERT)) http://www.cal.co.jp/event9907.html\_(06/23/1999)

・http://www.yohoo.co.jp/event/(06/23/1999) イベントリスト(ibent risto : EVENT LIST)

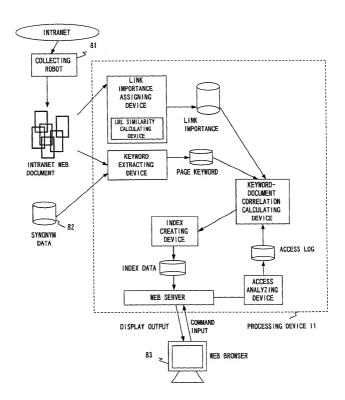


FIG. 27

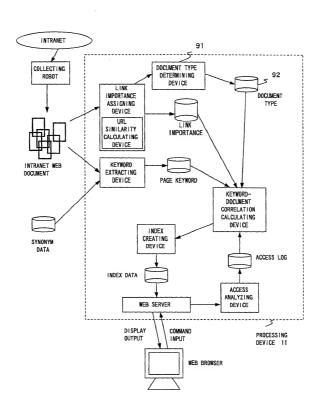


FIG. 28

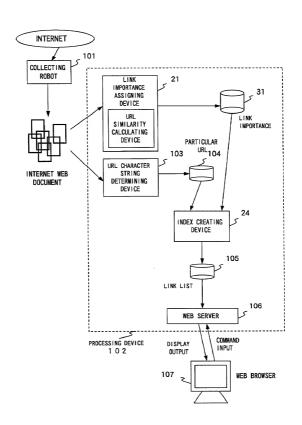


FIG. 29

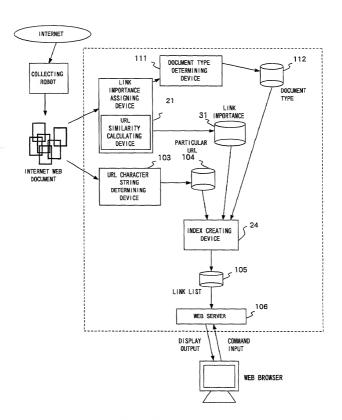


FIG. 30

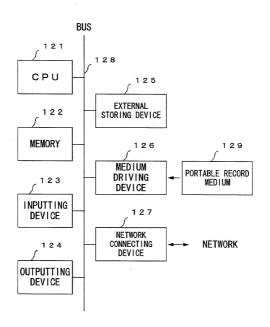


FIG. 31

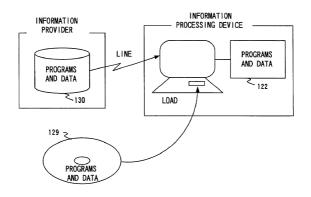


FIG. 32